

FIG. 1

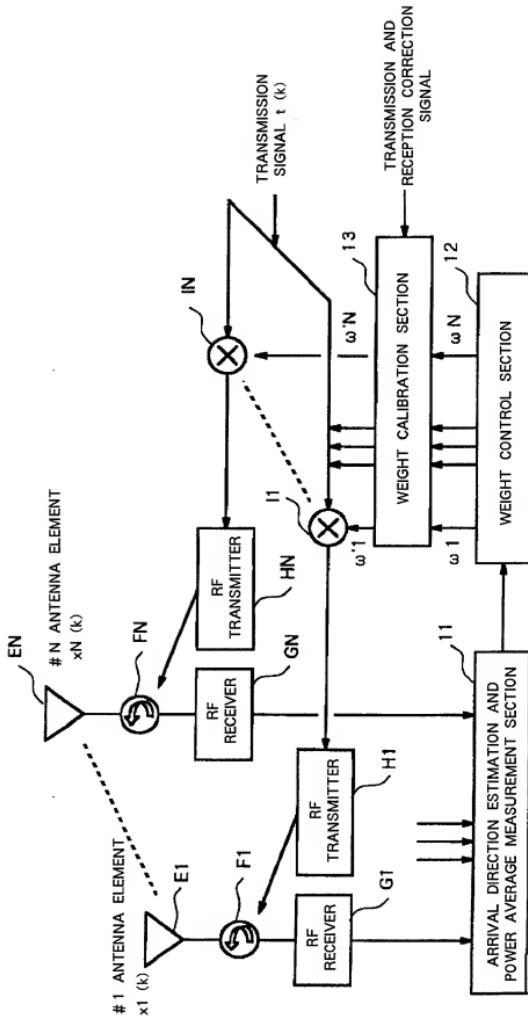


FIG. 2

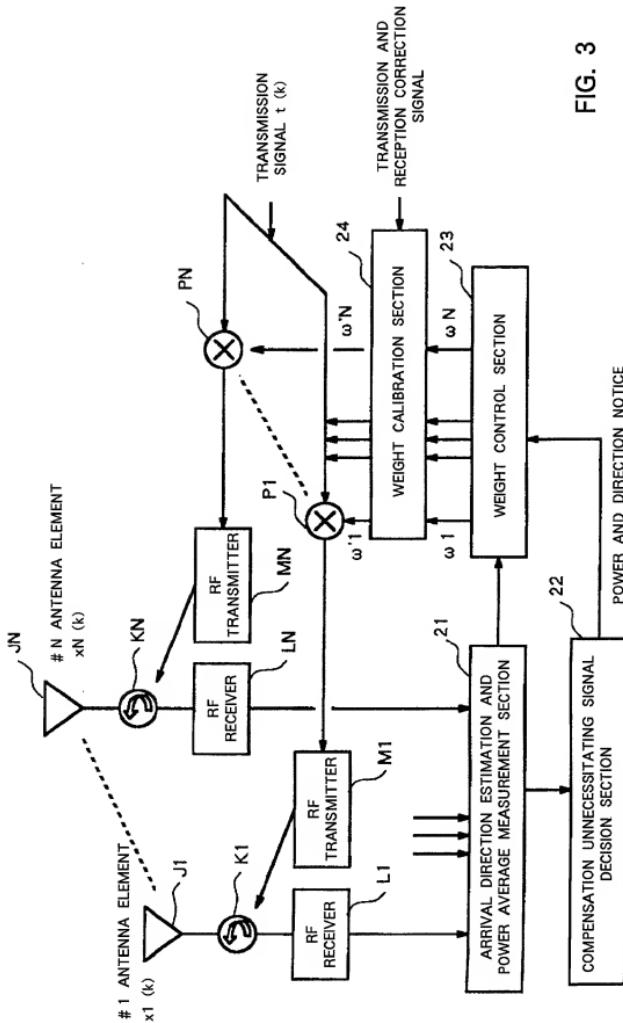


FIG. 3

EXCITATION SCHEME	AIS
SECTOR ANTENNA	- 1.85dB
CO - PHASE EQUAL AMPLITUDE EXCITATION	- 18.9dB
CONVENTIONAL SCHEME	- 19.1dB
FIRST PROPOSED SCHEME	- 25.1dB
SECOND PROPOSED SCHEME	- 28.9dB

FIG. 4

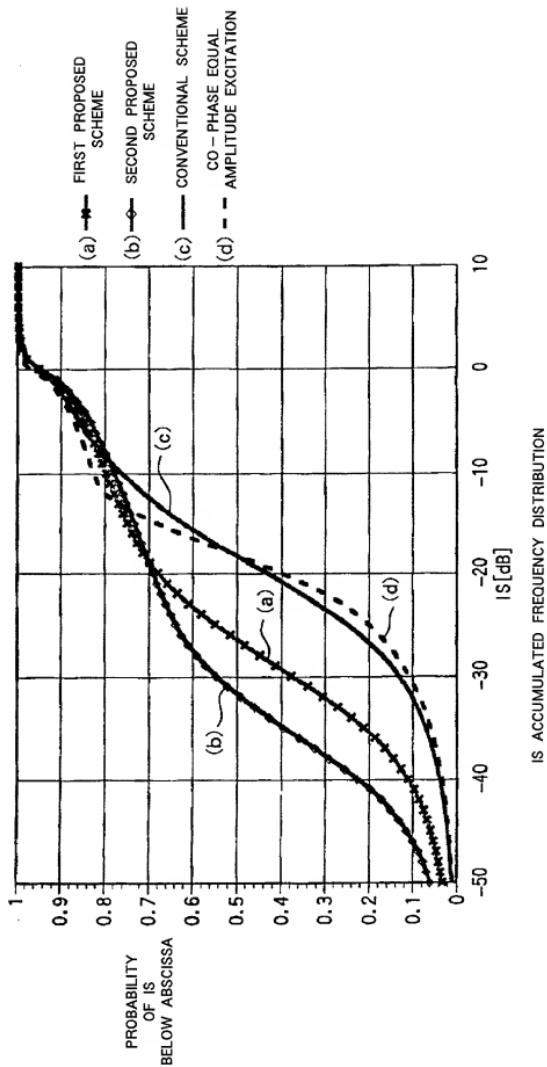
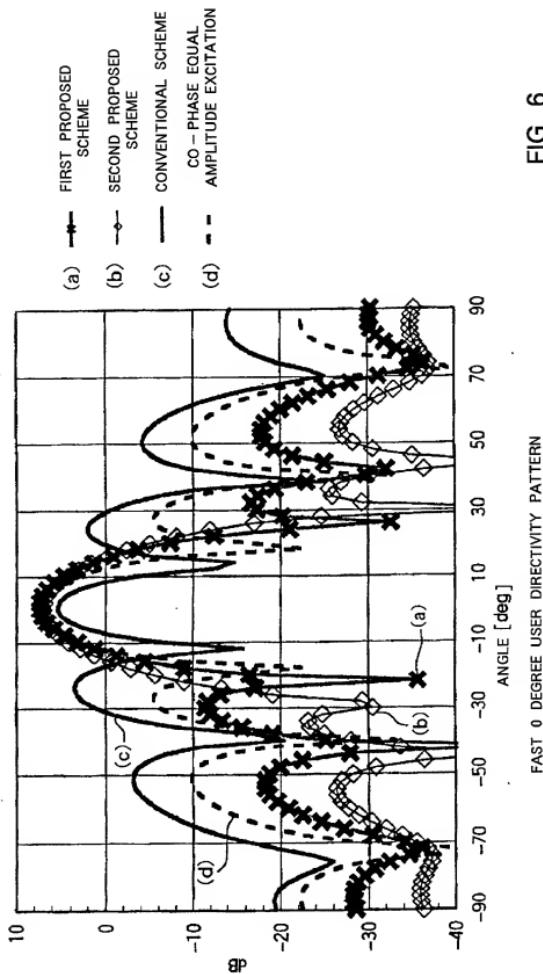


FIG. 5



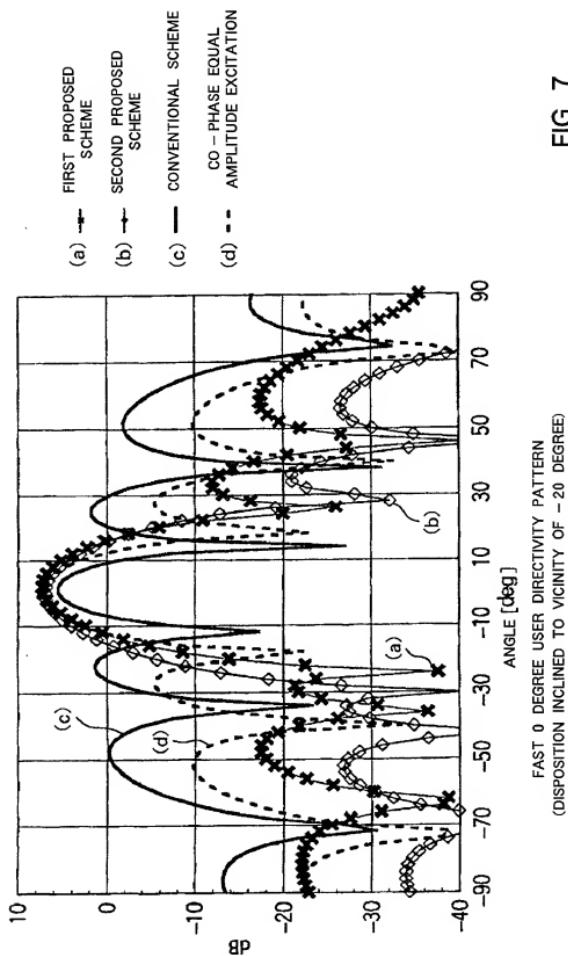


FIG. 7